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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/876,111	06/08/2001	R. Shane Green	1948.0010001	8526

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EXAMINER

SWEARINGEN, JEFFREY R

ART UNIT PAPER NUMBER

2145

DATE MAILED: 03/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/876,111

Applicant(s)

GREEN ET AL.

Examiner

Jeffrey R. Swearingen

Art Unit

2145

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 29 December 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

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#### **DETAILED ACTION**

1. This case has been reassigned to a new Examiner.

#### ***Continued Examination Under 37 CFR 1.114***

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 29 December 2005 has been entered.

#### ***Response to Arguments***

3. Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.

#### ***Claim Objections***

4. Claim 16 is objected to because of the following informalities: A space needs to be inserted in "claim14". Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 112***

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claim 14 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. It is unclear what a *numerical* is.

#### ***Claim Rejections - 35 USC § 102***

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7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

8. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Hancock et al. (U.S. Patent No. 6,295,502).

9. In regard to claim 1, Hancock disclosed

*receiving a query from a person containing a location code regarding a point of interest, wherein said location code includes location and categorical information about said point of interest; (column 27, lines 57-67)*

*searching a database for information about said point of interest using said location code; (column 28, lines 32-37)*

*returning matching information to said person. (column 28, lines 32-37).*

10. In regard to claim 2, Hancock disclosed

*sending said matching information to an application server; (column 32, lines 17-24)*

*receiving a re-direct request from said person; and (column 32, lines 17-24)*

*connecting said person with a location specified in said re-direct request. (column 32, lines 17-24)*

11. In regard to claim 3, Hancock disclosed

*said matching information includes one or more street addresses, phone numbers, e-mail address, and universal resource locators. (column 28, lines 19-24)*

12. In regard to claim 4, Hancock disclosed

*a location server, coupled to said database, receives said query. (column 28, lines 32-37)*

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13. In regard to claim 5, Hancock disclosed

*said database includes said information and said at least one location code. (column 10, lines 1-23)*

14. In regard to claims 6 and 20, Hancock disclosed

*displaying said location code on a map. (column 33, lines 1-9)*

15. In regard to claim 7, Hancock disclosed

*said categorical information defines said point of interest as one of a restaurant, hotel, museum, theater, retail store, business, park, automatic teller machine, public telephone, bus stop, monument, or private residence. (column 28, lines 1-11)*

16. In regard to claims 8 and 16, Hancock disclosed

*said query is received via one of the Internet or telephone. (column 25, lines 1-11; column 26, lines 10-18)*

17. In regard to claim 9, Hancock disclosed

*said location code includes four attributes: a zone ID, a category, a sub-category, and a unique identifier. (figure 10B)*

18. In regard to claim 10, Hancock disclosed

*said query identifies a wildcard as a substitute for at least one of said four attributes. (Inherent to column 28, lines 1-10)*

19. In regard to claim 11, Hancock disclosed

*said matching information includes a visual display of said point of interest. (column 33, lines 1-9)*

20. In regard to claims 12 and 18, Hancock disclosed

*said visual display is a photograph. (column 33, lines 1-9)*

21. In regard to claim 13, Hancock disclosed

*providing a menu driven interface to allow said person to enter said query. (column 27, lines 57-67)*

22. In regard to claim 14, Hancock disclosed

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*said location code is a numerical. (figure 10B)*

23. In regard to claim 15, Hancock disclosed

*displaying said location code on a map. (figure 7)*

24. Claim 17 is substantially the same as claims 1 and 11.

25. The limitations of claim 19 are embodied within claim 1.

### **Conclusion**

26. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

27. Hancock et al. U.S. Patent No. 6,202,023

28. Want et al. U.S. Patent No. 6,122,520

29. Himmel et al. U.S. Patent No. 6,256,639

30. Meadows et al. U.S. Patent No. 6,716,101

31. Tarbouriech U.S. Patent No. 6,674,993

32. Tarbouriech et al. U.S. Patent No. 6,650,877

33. Burns U.S. Patent No. 6,590,507

34. Benyak U.S. Patent No. 6,533,173

35. Adams et al. U.S. Patent No. 6,334,145

36. Hoover et al. U.S. Patent No. 5,724,575

37. Bauer U.S. Patent No. 5,388,257

38. Sanu et al. U.S. Patent No. 5,974,409

39. Mital et al. U.S. Patent No. 6,003,040

40. Roderick U.S. Patent No. 6,122,648

41. Teare et al. U.S. Patent No. 6,151,624

42. Call U.S. Patent No. 6,154,738

43. Ren, Qun et al. "Using Semantic Caching to Manage Location Dependent Data in Mobile Computing." Proceedings of the 6<sup>th</sup> Annual International Conference on Mobile Computing and Networking. Boston, MA. 2000. ACM Press. 210-221.

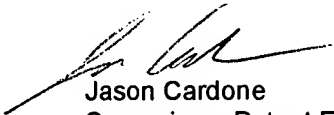
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44. Lohman, Guy M. et al. "Remotely-Sensed Geophysical Databases : Experience and Implications for Generalized DBMS." Proceedings of the 1983 ACM SIGMOD International Conference on Management of Data. San Jose, CA. ACM Press. 1983. 146-160.
45. Tognazzini, Bruce EP 0 810 803 A2

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey R. Swearingen whose telephone number is (571) 272-3921. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on 571-272-3933. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Jason Cardone  
Supervisory Patent Examiner  
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